



JON M. HUNTSMAN, JR.  
Governor  
GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

### Division of Oil, Gas & Mining

MICHAEL R. STYLER  
Executive Director

JOHN R. BAZA  
Division Director

### Inspection Report

### Minerals Regulatory Program

October 12, 2005

Supervisor DRH

**Mine Name:** Hi-Cal 1

**Operator Name:**

Robert Steele

1055 North 400 East

Nephi, Utah 84648

**Inspector(s):** Tom Munson, Doug Jensen

**Other Participants:** Robert Steele

**Mine Status:** Active

**Permit number:** M230071

**Inspection Date:** Oct. 11, 2005

**Time:** 1:30PM-2:30PM

**Weather:** Sunny

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### Purpose of Inspection:

The purpose of this inspection was at the request of the operator that an engineer, namely Doug Jensen, visit the site and determine if there was any legitimate reason to lower the bond from the calculated amount of \$28,000. The Division currently holds \$20,000 dollars. The operator has regraded a highwall and asked if this could lower the bond costs.

#### Directions to Site:

The site is about 15 miles west of Nephi, Utah.

#### Inspection Summary:

The operator was concerned that the bond costs were way too high and that he was not willing to come up with the additional money calculated by the Division. Mr. Jensen explained that those costs were based on his plan as submitted and, therefore, if the plan had changed he needed to submit an amendment. Mr. Munson GPS'ed the highwall area and will send the GPS'ed map to Mr. Steele. It is up to Mr. Steele to apply for the reduction in bond and change his plan.

The highwall area had been seeded but was doing extremely poorly with June grass and tumbleweed as the only observed plants. We recommended that he reseed this area, but Mr. Steele stated that he



Inspection Date: October 11, 2005; Report Date: October 12, 2005

Page 2 of 2

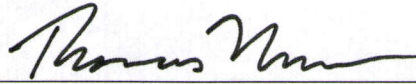
M/023/071

was not going to do this. The inspection ended after we discussed his future plans which was to include an area to the south that had been partially disturbed one month ago. He stated this area was disturbed by mistake by the contract miners. He has not marked his area with fence posts and could be subject to a violation if he extends his disturbance beyond 8 acres.

**Conclusions and Recommendations:**

The Division recommends he reseed the highwall area and roughen the area this fall. The Division also recommends he submit an amendment to his plan or bond the plan as approved.

**Inspector's Signature**



**Date:** 10/12/2005

tm:jb

cc: Robert Steele, Operator  
Jerry Mansfield, BLM, Fillmore

Attachment: GPS & Photos

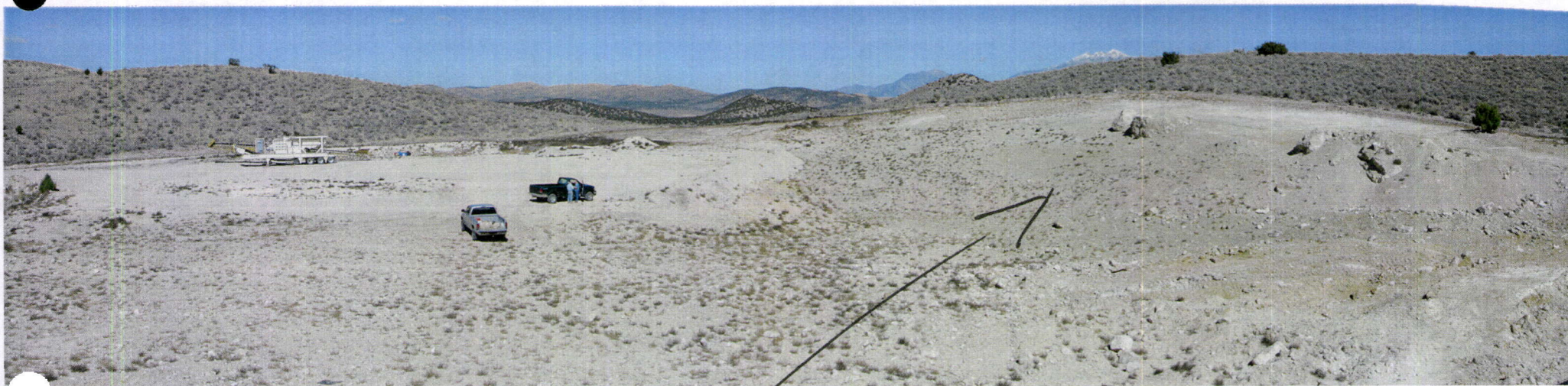
O:\M023-Juab\M0230071-HiCal\inspections\10122005ins-.doc



Hi-CAL

M023071

10/11/05



REGRADED HIGHWALL





09082005 002.JPG 2005/10/11 14:14:08



09082005 004.JPG 2005/10/11 14:14:15

H1-CAL M023071



09082005 001.JPG 2005/10/11 14:12:20



09082005 003.JPG 2005/10/11 14:14:12



Hi-CAL  
M 023/071



09082005 005.JPG 2005/10/11 14:14:19



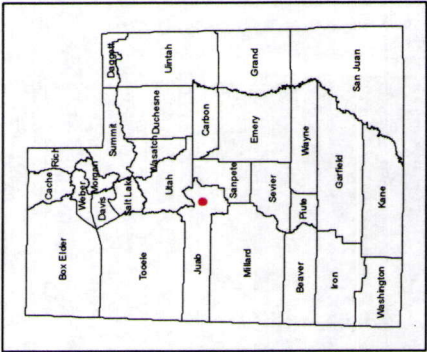
Mine Number: M0230071  
Mine Name: Hical 1  
Township 13 S Range 02 W Section 24 SLBM

Inspection Date Oct. 11, 2005  
Map Produced by DKS

Acres Disturbed	3.83
Acres Regraded	1.75
Acres Seeded	0
Road Acres Disturbed	0
Total Acres Disturbed	5.58
Acres Released	0
Acres Excluded	0
Acres PreExisting	0
Acres Prelaw	0

- Legend**  
All items symbolized in legend may not be appear on map
- County Boundary
  - Township or range line
  - Access
  - Mine
  - NonMine
  - Other
  - Interstate
  - US Route
  - State Route
  - Primary Route
  - Secondary Route
  - Main Dirt Road
  - Unimproved Road
  - Interchange
  - Trail
  - Disturbed
  - Regraded
  - Seeded
  - Released
  - Excluded
  - PreExisting
  - Prelaw
  - Bond Area
  - STLA Mineral Leases
  - BLM Leases
  - Community PI
  - Township or range line: location doubtful
  - Section line
  - Section line: location doubtful

DOQ imagery date 2004



0 625 Feet

1:7,500 1 inch equals 625 feet  
Verify Scale

Different data sources and input scales  
may cause misalignment of data layers.  
This product may not meet DOGM  
standards for accuracy and content.

Dept. of Natural Resources  
Division of Oil, Gas, and Mining  
Mineral Mines Program